

IAP7 Rec'd PCT/PTO 25 MAY 2006

FORM PTO-1390 (Modified)
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE
(REV 12-2004)

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 016906-0521 U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.57) Unassigned 107580656
INTERNATIONAL APPLICATION NO. PCT/EP2004/012783	INTERNATIONAL FILING DATE 11/11/2004	PRIORITY DATE CLAIMED 11/26/2003
TITLE OF INVENTION HEAT EXCHANGER		
APPLICANT(S) FOR DO/EO/US Oliver MAMBER		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). <input checked="" type="checkbox"/> has been communicated by the International Bureau. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <input checked="" type="checkbox"/> is attached hereto. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau). <input type="checkbox"/> have been communicated by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11 to 20 below concern other document(s) or information included:		
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input type="checkbox"/> Other items or information:</p>		

FORM PTO-1390 (Modified)

IAP9 Rec'd PCT/PTO 25 MAY 2006

U.S. APPLICATION NO. (If known) (37 CFR 1.5) 107580656		INTERNATIONAL APPLICATION NO. Unassigned PCT/EP2004/012783	ATTORNEY'S DOCKET NUMBER 016906-0521													
<p>The following fees have been submitted:</p> <table border="1"> <tr> <td>21. <input checked="" type="checkbox"/> Basic national fee</td> <td>\$300</td> <td>\$ 300.00</td> <td></td> </tr> <tr> <td>22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)</td> <td>\$100 \$200</td> <td>\$ 200.00</td> <td></td> </tr> <tr> <td>All other situations</td> <td></td> <td></td> <td></td> </tr> </table>					21. <input checked="" type="checkbox"/> Basic national fee	\$300	\$ 300.00		22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)	\$100 \$200	\$ 200.00		All other situations			
21. <input checked="" type="checkbox"/> Basic national fee	\$300	\$ 300.00														
22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)	\$100 \$200	\$ 200.00														
All other situations																
<table border="1"> <tr> <td>23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority</td> <td>\$100</td> <td></td> <td></td> </tr> <tr> <td>International Search Report prepared and provided to the Office</td> <td>\$400</td> <td></td> <td></td> </tr> <tr> <td>All other situations</td> <td>\$500</td> <td>\$ 400.00</td> <td></td> </tr> </table>					23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority	\$100			International Search Report prepared and provided to the Office	\$400			All other situations	\$500	\$ 400.00	
23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority	\$100															
International Search Report prepared and provided to the Office	\$400															
All other situations	\$500	\$ 400.00														
<p>TOTAL OF ABOVE 21, 22 and 23 = \$ 900.00</p>																
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$ for each additional 50 sheets of paper or fraction thereof.																
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE													
13 - 100 =	0 /50 =	0	x \$250.00	\$ 0.00												
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e))																
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$												
Total Claims	10 - 20 =	0	x \$ 50.00	\$ 0.00												
Independent Claims	1 - 3 =	0	x \$ 200.00	\$ 0.00												
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$ 360.00	\$												
<p>TOTAL OF ABOVE CALCULATIONS = \$ 900.00</p>																
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.																
<p>SUBTOTAL = \$ 900.00</p>																
Processing fee of 130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).																
<p>TOTAL NATIONAL FEE = \$ 900.00</p>																
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). 40.00 per property																
<p>TOTAL FEES ENCLOSED = \$ 900.00</p>																
<table border="1"> <tr> <td>Amount to be refunded:</td> <td></td> </tr> <tr> <td>charged:</td> <td></td> </tr> </table>					Amount to be refunded:		charged:									
Amount to be refunded:																
charged:																
<p>a. <input type="checkbox"/> A check in the amount of _____ to cover the above fees is enclosed.</p>																
<p>b. <input type="checkbox"/> Please charge my Deposit Account No. <u>19-0741</u> in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p>																
<p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-0741</u>. A duplicate copy of this sheet is enclosed.</p>																
<p>d. <input checked="" type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>																
<p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</p>																
<p>SEND ALL CORRESPONDENCE TO:</p>																
<p>Foley & Lardner LLP Customer Number: 22428</p>																
<p><i>Richard L. Schwaab</i></p>																
<p>SIGNATURE <u>Richard L. Schwaab</u></p>																
<p>NAME <u>Richard L. Schwaab</u></p>																
<p>25,479</p>																
<p>REGISTRATION NUMBER</p>																

10/580656

APR REC'D 25 MAY 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of
Oliver MAMBER
Corres. to PCT/EP2004/012783
For: HEAT EXCHANGER

VERIFICATION OF TRANSLATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, Charles Edward SITCH BA,

Deputy Managing Director of RWS Group Ltd UK Translation Division, of Europa House,
Marsham Way, Gerrards Cross, Buckinghamshire, England declare:

That the translator responsible for the attached translation is familiar with both the German
and the English language, and that, to the best of RWS Group Ltd knowledge and belief, the
attached English translation of International Application No. PCT/EP2004/012783 is a true,
faithful and exact translation of the corresponding German language paper.

I further declare that all the statements made in this declaration of my own
knowledge are true and that all statements made on information and belief are believed to be
true; and further that these statements were made with the knowledge that willful, false
statements and the like so made are punishable by fine or imprisonment, or both, under
Section 1001 of Title 18 of the United States Code and that such willful, false statements may
jeopardize the validity of legal decisions of any nature based on them.

May 12, 2006

Date



Name: C. E. SITCH
For and on behalf of RWS Group Ltd